

11-19-09

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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2133

SF

PE JOE
FEE TRANSMITTAL
NOV 18 2004
for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Small Entity Status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

1,180

Complete if Known

Application Number	10/035,607
Filing Date	December 28, 2001
First Named Inventor	Peter F. Corbett et al.
Examiner Name	Kerberos, James C.
Group Art Unit	2133

Attorney Docket No. 112056-0031

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Other None
 Deposit Account

Deposit
Account
Number

03-1237

Deposit
Account
Name

Cesari and McKenna, LLP

The Commissioner is authorized to: (check all that apply)

Charge any deficiency or
 Charge fee indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$)			0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra	Fee from	Fee Paid
		Claims	below	
Total Claims	87	-	41**	= 46 x 18 = 828
Independent Claims	11	-	7**	= 4 x 88 = 352
Multiple Dependent				= 0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)		1,180

**or number previously paid, if greater; For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
1051	130	2051	65 SurchARGE - late filing fee or oath
1052	50	2052	25 SurchARGE - late provisional filing fee or cover sheet
1053	130	1053	130 Non-English Specification
1812	2,520	1812	2,520 For filing a request for ex parte reexamination
1804	920	1804	920 Requesting publication of SIR prior to Examiner action
1805	1,840	1805	1,840 Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	430	2252	215 Extension for reply within second month
1253	980	2253	490 Extension for reply within third month
1254	1,530	2254	765 Extension for reply within fourth month
1255	2,080	2255	1,040 Extension for reply within fifth month
1401	330	2401	165 Notice of Appeal
1402	330	2402	165 Filing a brief in support of an appeal
1403	290	2403	145 Request for oral hearing
1451	1,510	1451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive - unavoidable
1453	1,370	2453	685 Petition to revive - unintentional
1501	1,370	2501	685 Utility Issue fee (or reissue)
1502	490	2502	245 Design Issue fee
1503	660	2503	330 Plant Issue fee
1460	130	1460	130 Petitions to the Commissioner
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	790	2809	395 Filing a submission after final rejection (37 CFR 1.129(a))
1810	790	2810	395 For each additional invention to be examined (37 CFR 1.129(b))
1801	790	2801	395 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application
Other fee (specify)			
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)	
		0	

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	A. Sidney Johnston	Registration No. (Attorney/Agent)	29,548	Telephone	(617) 951-2500
Signature	<i>A. Sidney Johnston</i>			Date	November 18, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the



PATENTS
112056-0031
P01-1398

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:
Peter F. Corbett et al.

Serial No.: 10/035,607

Filed: December 28, 2001

For: ROW-DIAGONAL PARITY
TECHNIQUE FOR ENABLING
EFFICIENT RECOVERY FROM
DOUBLE FAILURES IN A STOR-
AGE ARRAY

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Examiner: Kerveros, James C.

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Art Unit: 2133

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
November 18, 2004

EXPRESS-MAIL DEPOSIT

“Express Mail” Mailing-Label Number: EV 335591814 US

The following papers are being deposited with the United States Postal Service
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

Fee Transmittal Letter
 Return Request Postcard

Check No. 29559 for \$1,180
 Response to Office Action



PATENTS
112056-0031
P01-1398

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the Patent Application of
Inventor(s): Peter F. Corbett et al.

For: ROW-DIAGONAL PARITY TECHNIQUE FOR
ENABLING EFFICIENT RECOVERY FROM DOUBLE
FAILURES IN A STORAGE ARRAY

Serial No.: 10/035,607

Filed: December 28, 2001

are the following papers:

- A response to the Office action dated September 7, 2004
- A petition for extension of time and check for \$
- A check for \$1180 to cover the fee for additional claims
resulting from the response. The fee is calculated
as follows:

PATENTS
112056-0031
P01-1398



Total Claims Remaining after
Amendment:.....87
Less Highest Number of Total Claims
Previously Paid for:.....41

Difference.....46 × \$ 18 = \$ 828

Independent Claims Remaining
after Amendment.....11
Less Highest Number of Independent
Claims Previously Paid for.....7

Difference.....4 × \$ 88 = \$ 352

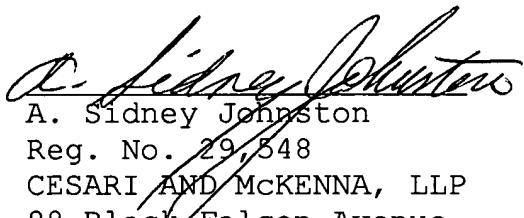
Multiple-Dependent-Claim Fee Required
after Amendment and Not Previously Paid.....\$ 0

Total of Above Calculations.....\$ 1180
Less Reduction for Small Entity\$ 0

Total Due\$ 1180

The Commissioner is hereby authorized to charge any
other fees under 37 C.F.R. §§1.16 and 1.17 that may be required,
or credit any overpayment, to our Deposit Account No. 03-1237.

Respectfully submitted,


A. Sidney Johnston
Reg. No. 29,548
CESARI AND MCKENNA, LLP
88 Black Falcon Avenue
Boston, MA 02210
(617) 951-2500



PATENTS
112056-0031
P01-1398

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Peter F. Corbett et al.)
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Serial No.: 10/035,607)
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Filed: December 28, 2001)
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For: ROW-DIAGONAL PARITY)
TECHNIQUE FOR ENABLING)
EFFICIENT RECOVERY)
FROM DOUBLE FAILURES IN)
A STORAGE ARRAY)

Examiner: Kerveros, James C.
Art Unit: 2133

Cesari and McKenna, LLP
88 Black Falcon Avenue
Boston, MA 02210
November 18, 2004

“Express Mail” Mailing-Label Number: EV 335591814 US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT

This Amendment is filed in response to the Office Action mailed on September 7, 2004. All objections and rejections are respectfully traversed.

11/22/2004 AWONDAF1 00000088 10035607

01 FC:1201
02 FC:1202

352.00 OP
828.00 OP